

**BEFORE THE  
PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA**

**DOCKET NO. 2020-229-E**

IN THE MATTER OF:

)  
)  
Dominion Energy South Carolina, )  
Incorporated's Establishment of a Solar Choice )  
Metering Tariff Pursuant to S.C. Code Ann. )  
Section 58-40-20 )

**HEARING EXHIBIT**

**NO. \_\_\_\_\_**

**VOTE SOLAR EVERETT CROSS EXHIBIT NO. 4**

**DESC Response to Vote Solar Data Request No. 1-8**

VOTE SOLAR  
FIRST SET OF DATA REQUESTS AND INTERROGATORIES TO  
DOMINION ENERGY SOUTH CAROLINA, INC.  
SC PSC DOCKET NO. 2020-229-E  
DECEMBER 11, 2020

**ITEM NO. 1-8:**

Please provide a narrative description of the current state of the rollout of advanced metering infrastructure (“AMI”) and advanced, digital meters (“smart meters”) for retail residential electric customers as of this date. Additionally, please answer:

- a. For residential customers, how many “smart meters” has the Company installed for residential electric retail customers that are capable of recording hourly usage data?
- b. Are the “smart meters” the Company is deploying dual channel and capable of recording hourly inflows and outflows of customers with onsite distributed energy resources?
- c. How many residential “smart meters” will be deployed by:
  - i. the end of 2020?
  - ii. the end of 2021?
  - iii. the end of 2022?
- d. Does the Company currently digitally store, or have plans to digitally store, the hourly usage data of residential customers who receive a smart meter? How far back with the Company keep historic hourly customer load data to make available upon customer request?
- e. Does the Company currently have a web-based platform or other means of providing customers with smart meters their hourly usage data? If so, how long does a customer have to wait until their hourly usage data is available for download or otherwise ascertainable on a web-based platform (e.g., real-time, next day, end of billing period)?

**RESPONSE 1-8:**

DESC's Advanced Metering Infrastructure and Smart Meter rollout is on track. Currently, the infrastructure is being deployed across DESC's territory, in preparation for Smart Meter rollout across DESC's customer base. Currently, Smart Meters are being installed in our Midlands and Western territories, with the Charleston installs starting in January 2021. Full system rollout is on target to be completed by March 2023.

- a. As of December 31, 2020, DESC has installed 63,795 residential electric smart meters, all capable of recording hourly usage data.
- b. Yes, DESC Smart Meters have bi-directional measurement capability. Default configuration is uni-directional (delivered flows only), but meters can be remotely reconfigured as bi-directional as needed. All DESC Smart Meters record data in 15-minute intervals which can be integrated to produce hourly data.
- c.
  - i. 2020 year end - 61,000
  - ii. 2021 year end - 377,000
  - iii. 2022 year end - 628,000

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- d. Once electric AMI meters are set, the meters will capture hourly usage data. The usage data is transmitted back to a central database every four hours. We will keep 24 months of this usage data which will be available to our customers.
- e. AMI Smart Meter residential customers currently do not have access to hourly usage data. It is on DESC's 2021 project roadmap to offer this information.

**Person Responsible: Craig Aull**

